

ABSTRACT

A laminated optical film including an optical film (1) whose three dimensional refractive index is controlled so that an Nz coefficient represented with $N_z = (n_{x_1} - n_{z_1}) / (n_{x_1} - n_{y_1})$ satisfies a relationship of $N_z \leq 0.9$, when a direction where a refractive index in a film plane gives maximum is defined as X-axis, a direction perpendicular to X-axis as Y-axis, a thickness direction of the film as Z-axis, and refractive indexes in each axial direction are defined as n_{x_1} , n_{y_1} , and n_{z_1} , respectively, and an optical film (2) that is formed with a material showing optically negative uniaxial property, and being tilting aligned.

The laminated optical film may suppress coloring of the display, and may display a picture with few tone reversal regions.